

DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: OPTICAL AMPLIFICATION OF MOLECULAR INTERACTIONS USING LIQUID CRYSTALS, the specification of which is attached hereto or X was filed on June 5, 1998 as Application No. 09/092,453 and was amended on (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
			Yes <u> </u> No <u> </u>
			Yes <u> </u> No <u> </u>

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below:


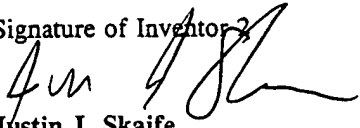
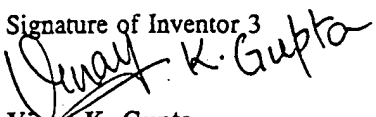

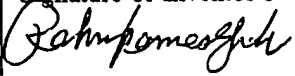
Application No.	Filing Date

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
		<u> </u> Patented <u> </u> Pending <u> </u> Abandoned
		<u> </u> Patented <u> </u> Pending <u> </u> Abandoned

Full Name of Inventor 1	Last Name Abbett	First Name Nicholas	Middle Name or Initial L.	
Residence & Citizenship	City Davis	State/Foreign Country California	Country of Citizenship Australia	
Post Office Address	Post Office Address 3741 Modoc Place	City Davis	State/Country California	Zip Code 95616
Full Name of Inventor 2	Last Name Skaife	First Name Justin	Middle Name or Initial J.	
Residence & Citizenship	City Lafayette	State/Foreign Country California	Country of Citizenship U.S.A.	
Post Office Address	Post Office Address 55 Silverwood Drive	City Lafayette	State/Country California	Zip Code 94549
Full Name of Inventor 3	Last Name Gupta	First Name Vinay	Middle Name or Initial K.	
Residence & Citizenship	City Urbana	State/Foreign Country Illinois	Country of Citizenship India	
Post Office Address	Post Office Address 1803 Oliver Drive	City Urbana	State/Country Illinois	Zip Code 61802
Full Name of Inventor 4	Last Name Dubrovsky	First Name Timothy	Middle Name or Initial B.	
Residence & Citizenship	City Flemington	State/Foreign Country New Jersey	Country of Citizenship Russia	
Post Office Address	Post Office Address 716 Reed Court	City Flemington	State/Country New Jersey	Zip Code 08822
Full Name of Inventor 5	Last Name Shah	First Name Rahul	Middle Name or Initial	
Residence & Citizenship	City Davis	State/Foreign Country California	Country of Citizenship U.S.A.	
Post Office Address	Post Office Address 300 Solano Park Circle, Apartment 12-C	City Davis	State/Country California	Zip Code 95616
Full Name of Inventor 6	Last Name	First Name	Middle Name or Initial	
Residence & Citizenship	City	State/Foreign Country	Country of Citizenship	
Post Office Address	Post Office Address	City	State/Country	Zip Code

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1  Nicholas L. Abbott	Signature of Inventor 2  Justin J. Skaife	Signature of Inventor 3  Vinay K. Gupta
Date July 22, 1998	Date August 6, 1998	Date July 29, 1998
Signature of Inventor 4  Timothy B. Dubrovsky	Signature of Inventor 5  Rahul Shah	Signature of Inventor 6
Date July 24, 1998	Date August 1, 1998	Date

DEC 5 MRG 8/96
02307Z\085800\DECL.MP

000180-4432690

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on

PATENT

on

August 19, 1998

TOWNSEND and TOWNSEND and CREW LLP

Attorney Docket No. 02307Z-085800US
UC Case No. 98-207-1

By Petra A DeBello

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
ABBOTT et al.
Serial No.: 09/092,453
Filed: June 5, 1998
For: OPTICAL AMPLIFICATION OF
MOLECULAR INTERACTIONS
USING LIQUID CRYSTALS

POWER OF ATTORNEY BY ASSIGNEE
AND EXCLUSION OF INVENTOR(S) UNDER 37 CFR § 3.71

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The undersigned assignee of the entire interest in the above-identified subject application hereby appoints Kevin L. Bastian, Reg. No. 34,774; Gregory P. Einhorn, Reg. No. 38,440; Susan K. Faris, Reg. No. P-41,739; M. Henry Heines, Reg. No. 28,219; Tom Hunter, Reg. No. 38,498; Laurence J. Hyman, Reg. No. 35,551; Jeffry S. Mann, Reg. No. P-42,837; Annette S. Parent, Reg. No. P-42,058; Timothy L. Smith, Reg. No. 35,367; William M. Smith, Reg. No. 30,223; Joseph R. Snyder, Reg. No. 39,381; Eugenia Garrett-Wackowski, Reg. No. 37,330; P. Ben Wang, Reg. No. 41,420; Ellen Lauver Weber, Reg. No. 32,762; Kenneth A. Weber, Reg. No. 31,677; all of the firm of Townsend and Townsend and Crew LLP, as its attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 CFR § 3.71.

An assignment of the entire interest in the above-identified subject application:

0967-8724-03100

[] was recorded on _____ at reel/frame
/ .

[x] is submitted herewith for recording.

Please direct all telephone calls to Jeffrey S. Mann at (415) 576-0200 and all correspondence relative to said application to the following address:

Townsend and Townsend and Crew LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834

Dated: August 7, 1998

ASSIGNEE: THE REGENTS OF THE
UNIVERSITY OF CALIFORNIA

Signature:
Typed Name:
Title:

Linda S. Stevenson
Linda S. Stevenson
Principal Prosecution Analyst

Office of Technology Transfer
1111 Franklin Street, 12th Floor
Oakland, CA 94607-5200

02307Z\085800\UCPOWER.MP
UC Case No. 98-207-1